

Application No. 10/719,332
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A radiation image radiographing apparatus comprising:

a radiation source;

a subject platform for supporting a subject so as to face
5 the subject to the radiation source; and

a plurality of supporting platforms for supporting a
radiation image information detecting member ~~in a side for~~
detecting radiation image information based on radiation
transmitted through the subject, said plurality of supporting
10 platforms being positioned on an opposite side of the subject
platform with respect to the radiation source; with respect to
the subject platform, the radiation image information detecting
member detecting radiation image information based on radiation
transmitted through the subject,

15 wherein ~~a distance between one~~ the plurality of supporting
platforms are provided at fixed distances from the radiation
source, and at least two said supporting platform and platforms
are provided at respective different distances from the radiation
source; is different from a distance between one of the other
20 supporting platforms and the radiation source

wherein at least one of the supporting platforms is provided
at a position suitable for radiographing an absorption contrast

Application No. 10/719,332
Response to Office Action

Customer No. 01933

image, and at least another one of the supporting platforms is
provided at a position suitable for radiographing a phase
25 contrast image; and

wherein each of the plurality of supporting platforms is
individually movable to be evacuated from a position in which the
supporting platform faces the radiation source.

Claims 2 and 3 (Canceled):

4. (Currently Amended) The apparatus of claim 1, further
comprising a controller ~~having~~ including a switcher for switching
a between radiography ~~mode~~ modes corresponding respectively to
~~each~~ of the plurality of supporting platforms,

5 wherein the controller controls irradiation conditions of
the radiation source ~~according to information from~~ in accordance
with an output of the switcher.

5. (Currently Amended) The apparatus of claim 1, wherein
the radiation image information detecting member ~~is~~ comprises a
photostimulable phosphor plate.

6. (Currently Amended) The apparatus of claim 1, wherein
the radiation image information detecting member ~~is~~ comprises a
flat panel detector.

Application No. 10/719,332
Response to Office Action

Customer No. 01933

7. (Original) The apparatus of claim 1, further comprising an input device for inputting a radiography mode.

8. (Currently Amended) The apparatus of claim 7, wherein the input device ~~is~~ comprises a radiation operation panel comprising keys ~~capable of~~ for selecting the radiography mode.

9. (Currently Amended) The apparatus of claim 4, wherein each of the plurality of supporting platforms comprises a sensor for detecting whether the ~~each of the plurality of~~ supporting ~~platforms~~ platform comprising the sensor is usable for radiography, and

5 wherein at least when the phase contrast radiography is to be performed, the controller automatically obtains one of the radiography mode ~~in the case of performing phase contrast image radiography when the~~ modes as a mode to be used based on an
10 output of each sensor recognizes with respect to a status of each of the plurality of supporting platforms.

10. (Currently Amended) The apparatus of claim 4, wherein when a magnified image is radiographed in using the radiography ~~mode of~~ phase contrast image radiography, the controller reduces a size of the magnified image back to substantially full scale to be output.

Application No. 10/719,332
Response to Office Action

Customer No. 01933

Claims 11 and 12 (Canceled).

13. (Original) The apparatus of claim 1, wherein at least one of the plurality of supporting platforms detachably supports the radiation image information detecting member.

14. (Currently Amended) The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is ~~capable of being detachably~~ attached to ~~and being detached from~~ a body of the radiation image radiographing apparatus.

15. (Currently Amended) The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is ~~capable of lying and standing~~ swingably mounted on a body of the apparatus.

16. (Currently Amended) The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is ~~capable of extending and shrinking~~ retractable.

17. (Currently Amended) The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is ~~capable of moving~~ mounted on a body of the apparatus to be movable along

Application No. 10/719,332
Response to Office Action

Customer No. 01933

an irradiation direction of the radiation from the radiation source.

Claim 18 (Canceled).

19. (Currently Amended) The apparatus of claim ~~18~~ 15, wherein the at least one of the plurality of supporting platforms comprises a cut portion, and is rotatable such that when the at least one of the plurality of supporting platforms rotates, at
5 least a part of one of the other plurality of supporting platforms and the subject platform passes through the cut portion.

20. (Currently Amended) The apparatus of claim ~~18~~ 15, wherein said at least one supporting platform that is provided at a position suitable for radiographing a phase contrast image comprises at least two of the plurality of supporting platforms ~~are supporting platforms for phase contrast image radiography.~~

21. (Currently Amended) The apparatus of claim ~~18~~ 15, wherein sizes of the plurality of supporting platforms and the subject platform decrease as distances thereof from the radiation source become shorter.

Application No. 10/719,332
Response to Office Action

Customer No. 01933

22. (Currently Amended) The apparatus of claim ~~18~~ 15, wherein the radiation image information detecting member supported by a supporting platform located the closest to the radiation source among the plurality of supporting platforms is larger than the subject.